

## ABSTRACT OF THE DISCLOSURE

A roller bearing assembly includes an outer race (1) prepared from a steel plate and a plurality of rollers (2) wherein the outer race (1) has a raceway surface (1a) to which induction hardening and tempering are applied. The outer  
5 race (1) is a shell type. In addition to the raceway surface (1a), an inner surface of an annular collar (6) at one end of the outer race (1) is also subjected to the induction hardening and tempering. An opposite annular collar (7) is left as a raw material without being heat treated so that it can be easily bent.